What is claimed is:

- 1. A heat-accumulative material which is a polymer or oligomer having, as a main constituent component, units having a polyether main chain and a side chain, side chains capable of being crystallized.
- 2. The heat-accumulative material according to claim 1, wherein the unit is represented by formula (1) or (2),

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wherein R^1 is at least one selected from hydrocarbon groups having 11 or more carbon atoms and R^2 is at least one selected from hydrocarbon groups having 14 or more carbon atoms.

- 3. The heat-accumulative material according to claim 2, wherein \mathbb{R}^1 or \mathbb{R}^2 is a straight-chain alkyl group.
- 4. The heat-accumulative material according to claim 1,

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whose melting point is from -10°C to 100°C and latent heat is at least 30 J/g.

5. The heat-accumulative material according to claim 1, wherein difference between the melting point and the solidifying point of the material is at most 15°C.

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- 6. The heat-accumulative material according to claim 1, whose 5 weight % loss temperature in the air measured by a TG-DTA analyzer is 200°C or more.
 - 7. The heat-accumulative material according to claim 1, wherein the weight-average molecular weight Mw of the polymer or oligomer is from 1,000 to 2,000,000.
 - 8. A heat-accumulative composition comprising the heat-accumulative material of claim 1 and a synthetic resin.
- 9. The heat-accumulative composition according to claim 8, wherein the synthetic resin is at least one selected from the group of polyurethane, acrylic, polyamide, polyvinyl chloride, polypropylene, polyethylene, polystyrene, polyester, polycarbonate, ethylene/vinyl alcohol copolymer, thermoplastic elastomer, polyphenylene sulfide, polyvinyl alcohol copolymers and ABS resins.

- 10. A heat-accumulative film or sheet comprising the material of claim 1; or the composition of claim 8.
- 11. A heat-accumulative laminate comprising the film5 or sheet of claim 10 as one layer.
 - 12. A heat-accumulative composite fiber comprising a core and a sheath;

the core comprising the material of claim 1; or

the composition of claim 8;

the sheath comprising a synthetic resin.

13. The heat-accumulative composite fiber according to claim 12, wherein the synthetic resin is at least one

15 selected from the group of polyamide, polyester,

polyurethane, ethylene/vinyl acetate copolymer,

polyvinylidene chloride, polyvinyl chloride, acrylic,

polyethylene, ethylene vinyl alcohol copolymers, polyvinyl

alcohol copolymers and polypropylene resins.

- 14. A heat-accumulative cloth comprising the composite fiber of claim 12.
- 15. A heat-accumulative molded article comprising the material of claim 1; or the composition of claim 8.
 - 16. The heat-accumulative molded article according to

claim 15, which is an energy-saving part or a part for preventing excessive heating or cooling.

17. The heat-accumulative molded article according to claim 15, which is a building material, residential good, automobile part, electric/electronic appliance part, heat-exchanger part, heat exchange medium or heat transfer device part.